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U.S.PTO

**NONPROVISIONAL PATENT
APPLICATION TRANSMITTAL RULE §1.53(b)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

22581 U.S.PTO
10/720277

112503

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Docket No. 024656-00030Date: November 25, 2003

Commissioner for Patents
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): HOT-AIR HEATER

By (Inventors): Yukihiko SHIMONOMA, Keiichi ITO, Yoshinori FUJISAWA, Yoshimune YAMADA, all from Aichi-ken, Japan

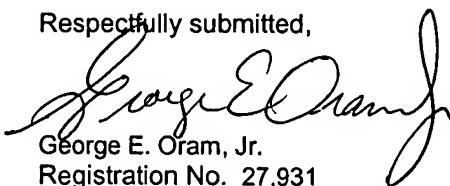
- 8 pages of Specification/Claims 1-6/Abstract are attached.
- Formal drawings (Figs. 1-9; 9 sheets) are attached.
- A Declaration and Power of Attorney is attached.
- An assignment of the invention to Rinnai Corporation is attached, along with Form PTO-1595 and a check for \$40.00.
- An Information Disclosure Statement is attached, along with Form PTO-1449, and _____ reference(s).
- This application is entitled to Small Entity Status.
- Priority of foreign application No. 2002-343427 filed November 27, 2002 in Japan is claimed under 35 U.S.C. §119.
- A certified copy of the above corresponding foreign application is attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

FOR:		NO. FILED		NO. EXTRA		SMALL ENTITY		LARGE ENTITY	
						RATE	Fee	RATE	Fee
BASIC FEE							\$ 375		
TOTAL CLAIMS	6 - 20	=	0	x 9 =				\$ 770	
INDEP CLAIMS	1 - 3	=	0	x 42 =				x 18	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS				+140 =				x 86	
				TOTAL				+290	
								OR TOTAL	\$ 770

- A check in the amount of \$810.00 (\$770 for the filing fee and \$40 for the Assignment Recordation Fee) is attached. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300.

Respectfully submitted,



George E. Oram, Jr.
 Registration No. 27,931

GEO/bgk